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More grand11				F	Hydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
Aa: ALLIVAR SANDY LOAM, 0 TO 2 PERCENT SLOPES	ALLIVAR	No					
10 2 12102111 220122	RENWASH	No					
	MADDOCK	No					
	FORDTOWN MARYSLAND	No Yes	flood plain	2B3	YES	NO	NO NO
	SIOUX	No					
Ar:							
ARLO LOAM, 0 TO 1 PERCENT SLOPES	ARLO	Yes	flood plain	2B3	YES	NO	NO
	DIMO	No	flood ploin				
AvB:	LAMO	Yes	flood plain	2A	YES	NO	NO
ARVILLA SANDY LOAM, 2 TO 6 PERCENT SLOPES	ARVILLA	No					
	RENSHAW	No					
	MADDOCK	No					
	EGELAND	No No					
	FORDVILLE MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
Ba:	I I I I I I I I I I I I I I I I I I I	100	IIOOG PIGIN	223	125	110	1.0
BADGER SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	BADGER	Yes	flood plain	2A	YES	NO	NO
	PARNELL	Yes	pothole	3,2B3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	WAUBAY	No					
	CUBDEN HAMERLY	No No					
	MCINTOSH	No					
BbA:							
BARNES CLAY LOAM, 0 TO 2 PERCENT SLOPES	BARNES	No					
	SVEA	No					
	HAMERLY BADGER	No Yes	 flood plain	2A	YES	NO	NO
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
BbB: BARNES CLAY LOAM, 2	BARNES	No					
TO 6 PERCENT SLOPES	SVEA	No					
	BUSE	No					
	HAMERLY	No					
	BADGER	Yes	flood plain	2A	YES	NO	NO
D~D:	TONKA	Yes	pothole	2B3,3	YES	NO	YES
BcB: BARNES-BUSE LOAMS, 2 TO 6 PERCENT SLOPES	BARNES	No					
10 0 I LICENI DEGFED	BUSE	No					
	SVEA	No					
	RENSHAW	No					
	BADGER HAMERLY	Yes No	flood plain	2A	YES	NO 	NO
	TONKA	Yes	pothole	2B3,3	YES	NO	YES

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M				I	Hydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
BeA:							
BRANDT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	BRANDT	No					
STOPES	ESTELLINE	No					
,	GOLDSMITH	No					
ļ	BADGER	Yes	flood plain	2A	YES	NO	NO
D D.	POINSETT	No					
BeB: BRANDT SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	BRANDT	No					
SLOPES	ESTELLINE	No					
!	GOLDSMITH	No					
	BADGER	Yes	flood plain	2A	YES	NO	NO
	POINSETT	No					
Bf: BROOKINGS SILTY CLAY LOAM, 0 TO 2 PERCENT	BROOKINGS	No					
SLOPES	MCINTOSH	No					
!	BADGER	Yes	flood plain	2A	YES	NO	NO
!	TONKA	Yes	pothole	2B3,3	YES	NO	YES
BgC:			-	•			
BUSE-BARNES LOAMS, 6 TO 9 PERCENT SLOPES	BUSE	No					
	BARNES	No					
	DARNEN	No					
	RENSHAW BADGER	No Yes	flood plain	2A	YES	NO	NO
,	HAMERLY	No					
•	TONKA	Yes	pothole	3,2B3	YES	NO	YES
BgD:		-	-			_	-
BUSE-BARNES LOAMS, 9 TO 20 PERCENT SLOPES	BUSE	No					
	BARNES	No					
	DARNEN	No					
	LAMOURE LANGHEI	Yes	flood plain	2A	YES	NO 	NO
!	SIOUX	No No					
,	TONKA	Yes	pothole	2B3,3	YES	NO	YES
BhC:		-	[-	, -		_	-
BUSE-BARNES LOAMS, 2 TO 9 PERCENT SLOPES, VERY STONY	BUSE	No					
	BARNES	No					
,	DARNEN	No					
!	RENSHAW	No		2D2 2			
BhE:	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
BUSE-BARNES LOAMS, 9 TO 40 PERCENT SLOPES, VERY STONY	BUSE	No					
SLOTED, VERT STORT	BARNES	No					
ļ ,	LANGHEI	No					
ì							
	DARNEN	No					
		No No Yes	 flood plain	 2A	 YES	 NO	 NO

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				H	Mydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria		Meets ponding criteria
BKE: BUSE-LAMOURE, CHANNELED, COMPLEX, 0 TO 40 PERCENT SLOPES	BUSE	No					
SHOPES	LAMOURE LANGHEI	Yes No	flood plain	2B3 	YES	NO 	NO
	DARNEN RAUVILLE SIOUX	No Yes No	flood plain	2B3,4	YES	YES	NO
BoE: BUSE-LANGHEI COMPLEX, 15 TO 40 PERCENT SLOPES	BUSE	No					
510115	LANGHEI DARNEN LAMOURE SIOUX	No No Yes No	 flood plain	 2A	 YES	 NO	 NO
BpD: BUSE-POINSETT COMPLEX, 9 TO 15 PERCENT SLOPES	BUSE	No					
PERCENT SHOPES	POINSETT WAUBAY PARNELL TONKA	No No Yes Yes	 pothole pothole	 2B3,3 2B3,3	 YES YES	 NO NO	 YES YES
Brd: BUSE, VERY STONY- POINSETT COMPLEX, 9 TO 25 PERCENT SLOPES	BUSE	No					
10 10 12 12 12 12 12 12 12 12 12 12 12 12 12	POINSETT WAUBAY PARNELL TONKA	No No Yes Yes	 pothole	 3,2B3 2B3,3	 YES YES	 NO NO	 YES YES
BsC: BUSE-SINGSAAS COMPLEX, 6 TO 9 PERCENT SLOPES	BUSE	No					
	SINGSAAS WAUBAY BARNES	No No No	 	 		 	
	BADGER HAMERLY MCINTOSH PARNELL	Yes No No Yes	flood plain pothole	2A 	YES YES	NO NO	NO YES
BxE: BUSE-SIOUX COMPLEX, 9 TO 40 PERCENT SLOPES		nes No		2B3,3	YES		TES
_3 10 12.10EM1 0E01E0	SIOUX DARNEN	No No					
	BARNES LANGHEI RENSHAW	No No No	 	 		 	
	LAMOURE		flood plain	2A	YES	NO	NO

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Man gumbal and]	Hydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
Ca: CASTLEWOOD SILTY CLAY, 0 TO 1 PERCENT SLOPES	CASTLEWOOD	Yes	flood plain	2B3	YES	NO	NO
220122	LAMOURE SPOTTSWOOD LADELLE	Yes No No	flood plain	2A 	YES 	NO 	NO
Ch: CHASKA LOAM, CHANNELED	CHASKA	Yes	flood plain	4	NO	YES	NO
	LAMO DAVIS	Yes No	flood plain	2A	YES	NO 	NO
Cm: CLAMO SILTY CLAY, 0 TO 1 PERCENT SLOPES	CLAMO	Yes	flood plain	2B3	YES	NO	NO
	DIMO LAMO DAVIS	No Yes No	 flood plain	2A	YES	NO	NO
CO: CUBDEN-BADGER SILTY CLAY LOAMS, 0 TO 2	CUBDEN	No					
PERCENT SLOPES	BADGER WAUBAY PARNELL	Yes No Yes	flood plain pothole	2A 3,2B3	YES YES	NO NO	NO YES
Ct: CUBDEN-TONKA SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	TONKA	Yes	pothole	2B3,3	YES	NO	YES
PERCENT SHOPES	TONKA BADGER PARNELL	Yes Yes Yes	pothole flood plain pothole	2B3,3 2A 2B3,3	YES YES YES	NO NO NO	YES NO YES
DaB: DARNEN LOAM, 2 TO 6 PERCENT SLOPES	DARNEN	No					
TERCENT SHOTES	EGELAND EMBDEN LAMOURE	No No Yes	 flood plain	 2A	 YES	 NO	 NO
DCA: DAVIS LOAM, 0 TO 2 PERCENT SLOPES	DAVIS	No					
PERCENT SHOPES	ENET CLAMO LAMO	No Yes Yes	 flood plain flood plain	2B3 2A	YES YES	NO NO	NO NO
DCB: DAVIS LOAM, 2 TO 6 PERCENT SLOPES	DAVIS	No					
TERCENT SHOTES	DIMO CLARNO LAMO	No No Yes	 flood plain	 2A	 YES	 NO	 NO
Dm: DIMO CLAY LOAM, 0 TO	DIMO	No		ZA			
2 PERCENT SLOPES	ARLO ENET	Yes No	flood plain	2B3 	YES	NO 	NO
	CLAMO LAMO	Yes Yes	flood plain flood plain	2B3 2A	YES YES	NO NO	NO NO

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Man grmbol and]	Hydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
Dn:							
DIVIDE LOAM, 0 TO 2 PERCENT SLOPES	DIVIDE	No					
		Yes	flood plain	2B3	YES	NO	NO
	FORDTOWN	No					
	RENWASH CASTLEWOOD	No Yes	flood plain	2B3	YES	NO	NO
DoB:	CABILLWOOD	105	1100d Pidin	203	1110	140	INO INO
DOLAND LOAM, 2 TO 6 PERCENT SLOPES	DOLAND	No					
	STRAYHOSS	No					
	SVEA	No					
	BROOKINGS HAMERLY	No No					
		Yes	flood plain	2A	YES	NO	NO
DsA: DOLAND-SVEA LOAMS, 0	DOLAND	No					
TO 2 PERCENT SLOPES	CTTEA	NT -					
	SVEA STRAYHOSS	No No					
	HAMERLY	No					
		Yes	flood plain	2A	YES	NO	NO
EaB: EGAN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	EGAN	No					
10 0 PERCENT SLOPES	ETHAN	No					
	WAKONDA	No					
	TRENT	No					
		Yes	flood plain	2A	YES	NO	NO
EeB:	WORTHING	Yes	pothole	2B3,3	YES	NO	YES
EGAN-WENTWORTH-TRENT SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	EGAN	No					
	WENTWORTH	No					
	TRENT	No					
	ETHAN WAKONDA	No No					
	CHANCELLOR	Yes	flood plain	2A	YES	NO	NO
		Yes	pothole	2B3,3	YES	NO	YES
EgA: EGELAND-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	EGELAND	No					
I TIKCHMI DHOFED	EMBDEN	No					
	MADDOCK	No					
	ALLIVAR	No					
	MARYSLAND RENWASH	Yes No	flood plain	2B3 	YES	NO 	NO
EqB:	TUINWADII	140					
EGELAND-EMBDEN COMPLEX, 2 TO 6 PERCENT SLOPES	EGELAND	No					
	EMBDEN	No					
	MADDOCK	No					
	ARVILLA	No					
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO

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Man armbal and				I	Hydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
EnA:							
ENET LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	ENET	No					
Tuncher Thoopen	DIMO	No					
	DAVIS	No					
E ~ 7 ·	ARLO	Yes	flood plain	2B3	YES	NO	NO
EsA: ESTELLINE SILT LOAM, 0 TO 2 PERCENT SLOPES	ESTELLINE	No					
SHOT ED	KRANZBURG	No					
	GOLDSMITH	No					
	STRAYHOSS	No					
	BADGER BROOKINGS	Yes No	flood plain	2A 	YES	NO 	NO
EsB:	BROOKINGS	NO					
ESTELLINE SILT LOAM, 2 TO 6 PERCENT SLOPES	ESTELLINE	No					
510115	STRAYHOSS	No					
	KRANZBURG	No					
	GOLDSMITH	No					
	BADGER RENSHAW	Yes No	flood plain	2A 	YES	NO 	NO
EtB: ESTELLINE-SIOUX COMPLEX, 2 TO 6	ESTELLINE	No					
PERCENT SLOPES							
	SIOUX	No					
	GOLDSMITH	No					
ED :	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
EvD: ETHAN-CLARNO LOAMS, 9 TO 15 PERCENT SLOPES	ETHAN	No					
	CLARNO	No					
	DAVIS	No					
	LAMO WORTHING	Yes Yes	flood plain pothole	2A 2B3,3	YES YES	NO NO	NO YES
EwC:	WORTHING	105	pochoic	203,3	110	110	120
ETHAN-EGAN COMPLEX, 6 TO 9 PERCENT SLOPES		No					
	EGAN	No					
	WAKONDA CHANCELLOR	No Yes	flood plain	2A	YES	NO	NO
	WORTHING	Yes	pothole	2B3,3	YES	NO	YES
Fa:			_	,			
FAIRDALE LOAM, CHANNELED	FAIRDALE	No					
Fb:	LAMOURE RAUVILLE	Yes Yes	flood plain flood plain	2A 4,2B3	YES YES	NO YES	NO NO
FORDTOWN LOAM, 0 TO 2 PERCENT SLOPES	FORDTOWN	No					
	RENWASH	No					
	DIVIDE	No					
	SPOTTSWOOD ALLIVAR	No No					
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO

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Man gymbol and				H	ydric soils	criteria	
Map symbol and map unit name	Component Hy	ydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
Fc: FORDTOWN-SPOTTSWOOD LOAMS, 0 TO 2 PERCENT SLOPES	FORDTOWN	No					
	SPOTTSWOOD	No					
	DIVIDE	No					
	RENWASH	No					
	ALLIVAR MARYSLAND	No Yes	flood plain	2B3	YES	NO	NO NO
FdA:	MAKISLAND	165	liood plain	203	IES	NO	l NO
FORDVILLE LOAM, 0 TO 2 PERCENT SLOPES	FORDVILLE	No					
	RENSHAW	No					
	DIVIDE	No					
		Yes No	flood plain	2B3	YES	NO 	NO
FrB:	SPOTTSWOOD	NO					
FORDVILLE-RENSHAW LOAMS, 2 TO 6 PERCENT SLOPES	FORDVILLE	No					
TERCENT SECTES	RENSHAW	No					
	ARVILLA	No					
	SIOUX	No					
G	MARYSLAND :	Yes	flood plain	2B3	YES	NO	NO
Gs: GOLDSMITH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	GOLDSMITH	No					
SHOFES	CUBDEN	No					
		Yes	flood plain	2A	YES	NO	NO
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Hb:							
HAMERLY-BADGER COMPLEX, 0 TO 2 PERCENT SLOPES	HAMERLY	No					
	BADGER	Yes	flood plain	2A	YES	NO	NO
	SVEA	No					
		Yes	pothole	3,2B3	YES	NO	YES
	TONKA CAVOUR	Yes No	pothole	2B3,3	YES	NO 	YES
Hc:	CAVOOR	INO					
HAMERLY-CAVOUR-BADGER COMPLEX, 0 TO 2 PERCENT SLOPES	HAMERLY	No					
	CAVOUR	No					
	1	Yes	flood plain	2A	YES	NO	NO
	PARNELL SVEA	Yes No	pothole	2B3,3	YES	NO 	YES
HeA:	SVEA	MO					
HETLAND SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	HETLAND	No					
OHOE ED	POINSETT	No					
	CUBDEN	No					
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	WAUBAY	No					

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				H	ydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria		Meets ponding criteria
HeB: HETLAND SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	HETLAND	No					
510115	POINSETT BUSE CUBDEN TONKA WAUBAY	No No No Yes No	 pothole	2B3,3	 YES	 NO	 YES
KrA: KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	KRANZBURG	No					
10 2 PERCENT SLUPES	BROOKINGS ESTELLINE MCINTOSH BADGER PARNELL TONKA	No No No Yes Yes Yes	flood plain pothole pothole	 2A 3,2B3 2B3,3	 YES YES YES	 NO NO NO	 NO YES YES
KrB: KRANZBURG-BROOKINGS SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	KRANZBURG	No					
	BROOKINGS ESTELLINE MCINTOSH BADGER PARNELL TONKA	No No No Yes Yes Yes	flood plain pothole	 2A 2B3,3 3,2B3	 YES YES YES	 NO NO NO	 NO YES YES
La: LA PRAIRIE LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED		No					
	LAMOURE FORDTOWN RAUVILLE	Yes No Yes	flood plain flood plain	2A 2B3,4	YES YES	NO YES	NO NO
Lc: LA PRAIRIE LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	LA PRAIRIE	No					
	LAMOURE MORITZ CASTLEWOOD FORDTOWN	Yes No Yes No	flood plain flood plain 	2A 2B3 	YES YES 	NO NO 	NO NO
Ld: LADELLE SILT LOAM, 0 TO 2 PERCENT SLOPES	LADELLE	No					
Tar	LAMOURE MORITZ CASTLEWOOD	Yes No Yes	flood plain flood plain	2A 2B3	YES YES	NO NO	NO NO
Le: LAMO SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	LAMO	Yes	flood plain	2A	YES	NO	NO
on∩re9	CLAMO	Yes	flood plain	2B3	YES	NO	NO

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Man gimbol and					Н	ydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local	landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
Lk:								
LAMOURE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	LAMOURE	Yes	flood	plain	2A	YES	NO	NO
	LOWE RAUVILLE LUDDEN LADELLE	Yes Yes Yes No	flood flood flood	plain	2B3 4,2B3 2B3,4	YES YES YES	NO YES YES	NO NO NO
Lm:		110						
LAMOURE-RAUVILLE SILTY CLAY LOAMS, CHANNELED	LAMOURE	Yes	flood	plain	2B3	YES	NO	NO
	RAUVILLE LUDDEN MARYSLAND DIVIDE	Yes Yes Yes No	flood flood flood	plain	2B3,4 2B3,4 2B3	YES YES YES	YES YES NO	NO NO NO
LnB:	DIVIDE	IVO						
LANONA-SWENODA SANDY LOAMS, 2 TO 6 PERCENT SLOPES	LANONA	No	_					
	SWENODA	No	-					
	MADDOCK STRAYHOSS	No No	l	·				
	DOLAND MARYSLAND	No Yes	- flood		2B3	YES	NO	NO
Lo:	MARISLAND	ies	1100a	Piain	253	IES	I NO	l NO
LOWE LOAM, 0 TO 1 PERCENT SLOPES	LOWE	Yes	flood	plain	2B3	YES	NO	NO
	LUDDEN MARYSLAND	Yes Yes	flood flood		2B3,4 2B3	YES YES	YES NO	NO NO
	MORITZ RAUVILLE	No Yes	- flood	 nlain	2B3,4	YES	YES	NO
Lr:	KAUVILLE	165	11000	Piain	203,4	165	165	I NO
LOWE-LUDDEN COMPLEX, 0 TO 1 PERCENT SLOPES	LOWE	Yes	flood	plain	2B3	YES	NO	NO
	LUDDEN	Yes	flood		4,2B3	YES	YES	NO
	CASTLEWOOD	Yes	flood		2B3	YES	NO	NO
	MARYSLAND DIVIDE	Yes No	flood	plain	2B3	YES	NO 	NO
	MORITZ	No	_					
	RAUVILLE	Yes	flood	plain	4,2B3	YES	YES	NO
Ls: LUDDEN SILTY CLAY, 0	LUDDEN	Yes	flood	plain	2B3,4	YES	YES	NO
TO 1 PERCENT SLOPES	LOWE	Yes	flood	nlain	2B3	YES	NO	NO
	LAMOURE	Yes	flood		2B3 2A	YES	NO NO	NO
	MARYSLAND	Yes	flood		2B3	YES	NO	NO
	MORITZ	No	_					
	RAUVILLE	Yes	flood	plain	2B3,4	YES	YES	NO

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Man gumbal and]	Hydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local	landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
Lu: LUDDEN, SALINE-LUDDEN SILTY CLAYS, 0 TO 1 PERCENT SLOPES	LUDDEN	Yes	flood	plain	4,2B3	YES	YES	NO
	LUDDEN LOWE LAMOURE MARYSLAND	Yes Yes Yes Yes	flood	plain plain plain plain	4,2B3 2B3 2A 2B3	YES YES YES YES	YES NO NO NO	NO NO NO
	MORITZ RAUVILLE	No Yes	flood	plain	2B3,4	YES	YES	NO
M-W: MISCELLANEOUS WATER AREAS	MISCELLANEOU S WATER AREAS		-					
MaB: MADDOCK-EGELAND SANDY LOAMS, 2 TO 6 PERCENT SLOPES	MADDOCK	No	-					
	EGELAND EMBDEN MARYSLAND	No No Yes	l	 plain	 2B3	 YES	 NO	 NO
MaC: MADDOCK-EGELAND SANDY LOAMS, 6 TO 9 PERCENT SLOPES		No						
PERCENT SHOPES	EGELAND EMBDEN DOLAND MARYSLAND STRAYHOSS	No No No Yes No	flood	 plain	 2B3	 YES	 NO	 NO
MeA: MADDOCK-EMBDEN COMPLEX, 0 TO 2 PERCENT SLOPES	MADDOCK	No	-					
	EMBDEN EGELAND ALLIVAR DIVIDE MARYSLAND	No No No No Yes	- - -	 plain	 2B3	 YES	 NO	 NO
Mr: MARYSLAND LOAM, 0 TO 1 PERCENT SLOPES	MARYSLAND	Yes	flood	plain	2B3	YES	NO	NO
	DIVIDE LAMOURE RAUVILLE	No Yes Yes		 plain plain	 2A 2B3,4	YES YES	NO YES	NO NO
Mt: MCINTOSH-BADGER SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	MCINTOSH	No	-					
FERCENT SHOPES	BADGER BROOKINGS LAMOURE PARNELL TONKA WAUBAY	Yes No Yes Yes Yes No	-		2A 2A 3,2B3 2B3,3 	YES YES YES YES	NO NO NO NO	NO NO YES YES

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Map symbol and map unit name Mu: MCINTOSH-LAMOURE SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES Mw: MINNEWAUKAN LOAMY SAND, 0 TO 3 PERCENT SLOPES Mz: MORITZ-LAMOURE	Component MCINTOSH LAMOURE BROOKINGS BADGER MINNEWAUKAN OLDHAM SOUTHAM MORITZ	Hydric No Yes No Yes Yes Yes Yes	Local landform flood plain flood plain pothole	Hydric criteria code 2B3 2A 2B2,3	Meets saturation criteria YES YES YES YES	Meets flooding criteria NO NO NO	
MCINTOSH-LAMOURE SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES Mw: MINNEWAUKAN LOAMY SAND, 0 TO 3 PERCENT SLOPES Mz:	LAMOURE BROOKINGS BADGER MINNEWAUKAN OLDHAM SOUTHAM	Yes No Yes Yes	flood plain flood plain pothole	2B3 2A 2B2,3	YES YES	NO NO	NO
Mw: MINNEWAUKAN LOAMY SAND, 0 TO 3 PERCENT SLOPES Mz:	BROOKINGS BADGER MINNEWAUKAN OLDHAM SOUTHAM	No Yes Yes	flood plain pothole pothole	2A 2B2,3	YES	NO	
MINNEWAUKAN LOAMY SAND, 0 TO 3 PERCENT SLOPES Mz:	MINNEWAUKAN OLDHAM SOUTHAM	Yes Yes	pothole	2B2,3			NO
MINNEWAUKAN LOAMY SAND, 0 TO 3 PERCENT SLOPES Mz:	OLDHAM SOUTHAM	Yes	pothole		YES	NO	1
	SOUTHAM				1		YES
	MORITZ	İ	pothole	2B3,3 3,2B3	YES YES	NO NO	YES YES
COMPLEX, 0 TO 2 PERCENT SLOPES	I	No		, 			
FERCENT SLOPES	LAMOURE LOWE RAUVILLE DIVIDE LA PRAIRIE	Yes Yes Yes No No Yes	flood plain flood plain flood plain	2B3 2B3 4,2B3 	YES YES YES YES	NO NO YES 	NO NO NO
. bo	LUDDEN	res	flood plain	2B3,4	IES	YES	NO
OLDHAM SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	OLDHAM	Yes	pothole	2B3,3	YES	NO	YES
SHOT HO	MINNEWAUKAN HAMERLY CUBDEN MCINTOSH	Yes No No No	pothole 	2B2,3 	YES 	NO 	YES
0q:	MCINIOSH	NO					
ORTHENTS, GRAVELLY	ORTHENTS, GRAVELLY	No					
	AQUENTS, GRAVELLY	Unrank ed					
	ESTELLINE FORDVILLE	No No					
	RENSHAW	No					
0	SIOUX	No					
Or: ORTHENTS, LOAMY	ORTHENTS,	No					
	BADGER	Yes	flood plain	2A	YES	NO	NO
	BARNES	No					
	BUSE MCINTOSH	No No					
	VIENNA	No					
Pa: PARNELL SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	PARNELL	Yes	pothole	3,2B3	YES	NO	YES
STORES	TONKA CUBDEN HAMERLY	Yes No No	pothole 	2B3,3	YES 	NO 	YES

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Map symbol and				I	Hydric soils	criteria	
map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
PbB: POINSETT-BUSE-WAUBAY COMPLEX, 1 TO 6 PERCENT SLOPES	POINSETT	No					
	BUSE WAUBAY BADGER CUBDEN PARNELL TONKA	No No Yes No Yes Yes	flood plain pothole pothole	2A 2B3,3 3,2B3	 YES YES YES	NO NO NO	 NO YES YES
PbC: POINSETT-BUSE-WAUBAY COMPLEX, 2 TO 9 PERCENT SLOPES	POINSETT	No					
	BUSE WAUBAY CUBDEN PARNELL TONKA BADGER	No No No Yes Yes Yes	pothole pothole flood plain	3,2B3 2B3,3 2A	 YES YES YES	 NO NO NO	 YES YES NO
PwA: POINSETT-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	POINSETT	No					
22.02.12	WAUBAY CUBDEN PARNELL TONKA BADGER	No No Yes Yes Yes	pothole pothole flood plain	2B3,3 2B3,3 2A	 YES YES YES	 NO NO NO	 YES YES NO
PwB: POINSETT-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES	POINSETT	No					
	WAUBAY BUSE CUBDEN BADGER PARNELL TONKA	No No No Yes Yes Yes	flood plain pothole pothole	2A 2B3,3 3,2B3	 YES YES YES	 NO NO NO	 NO YES YES
Ra: RAUVILLE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	RAUVILLE	Yes	flood plain	2B3,4	YES	YES	NO
	LAMOURE LOWE MARYSLAND DIVIDE FORDTOWN	Yes Yes Yes No No	flood plain flood plain flood plain 	2A 2B3 2B3 	YES YES YES	NO NO NO 	NO NO NO
Rp: RAUVILLE SILTY CLAY LOAM, PONDED	RAUVILLE	Yes	flood plain	2B3,4	YES	YES	NO
,	LAMOURE LUDDEN MARYSLAND	Yes Yes Yes	flood plain flood plain flood plain	2A 2B3,4 2B3	YES YES YES	NO YES NO	NO NO NO

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Man grmbal and				H	ydric soils	criteria	
Map symbol and map unit name	Component	Component Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
RsB: RENSHAW-SIOUX COMPLEX, 2 TO 6 PERCENT SLOPES	RENSHAW	No					
	SIOUX ARVILLA FORDVILLE MARYSLAND	No No No Yes	 flood plain	 2B3	 YES	 NO	 NO
RsC: RENSHAW-SIOUX COMPLEX, 6 TO 9 PERCENT SLOPES	RENSHAW	No					
	SIOUX ARVILLA ESTELLINE FORDVILLE	No No No	 	 	 	 	
Rw:	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
RENWASH LOAM, 0 TO 2 PERCENT SLOPES	RENWASH	No					
	ALLIVAR FORDTOWN DIVIDE	No No	 	 2B3	 YES	 	
SbB: SINGSAAS-BUSE COMPLEX, 2 TO 6 PERCENT SLOPES	MARYSLAND SINGSAAS	Yes No	flood plain			NO	NO
PERCENT SLOPES	BUSE WAUBAY HAMERLY MCINTOSH PARNELL TONKA	No No No Yes Yes	 pothole pothole	 2B3,3 3,2B3	 YES YES	 NO NO	 YES YES
ScA: SINGSAAS-WAUBAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	SINGSAAS	No					
	WAUBAY HAMERLY MCINTOSH BADGER PARNELL TONKA	No No No Yes Yes Yes	 flood plain pothole pothole	 2A 3,2B3 3,2B3	 YES YES YES	 NO NO NO	 NO YES YES
ScB: SINGSAAS-WAUBAY SILTY CLAY LOAMS, 1 TO 6 PERCENT SLOPES		No					
FERCENI SLUPES	WAUBAY BUSE HAMERLY MCINTOSH BADGER PARNELL TONKA	No No No Yes Yes Yes	 flood plain pothole pothole	 2A 2B3,3 2B3,3	 YES YES YES	 NO NO NO	 NO YES YES

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Man grmbal and				I	Mydric soils	criteria	
Map symbol and map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria	
ShD: SIOUX-RENSHAW COMPLEX, 9 TO 15 PERCENT SLOPES	SIOUX	No					
	RENSHAW ARVILLA BUSE	No No No	 	 			
	FORDVILLE LAMOURE	No Yes	 flood plain	 2A	 YES	 NO	 NO
She: SIOUX-RENSHAW COMPLEX, 15 TO 40	SIOUX	No					
PERCENT SLOPES	RENSHAW ARVILLA	No No	 				
So:	BUSE LAMOURE	No Yes	flood plain	2A	YES	NO	NO
SOUTHAM SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	SOUTHAM	Yes	pothole	2B3,3	YES	NO	YES
	CUBDEN HAMERLY	No No					
Sp:	MCINTOSH MINNEWAUKAN	No Yes	pothole	2B2,3	YES	NO	YES
SPOTTSWOOD LOAM, 0 TO 2 PERCENT SLOPES	SPOTTSWOOD	No					
	DIVIDE FORDVILLE CASTLEWOOD LAMOURE	No No Yes Yes	 flood plain flood plain	 2B3 2A	YES	NO NO	NO NO
SrA: STRAYHOSS LOAM, 0 TO 2 PERCENT SLOPES	STRAYHOSS	No					
	EMBDEN SVEA BADGER BROOKINGS	No No Yes No	 flood plain 	 2A 	 YES	 NO	NO
SrB: STRAYHOSS LOAM, 2 TO 6 PERCENT SLOPES	STRAYHOSS	No					
	MADDOCK EGELAND BADGER EMBDEN SVEA	No No Yes No No	flood plain	2A	 YES 	 NO 	 NO
StB: STRAYHOSS-MADDOCK COMPLEX, 2 TO 6 PERCENT SLOPES	STRAYHOSS	No					
	MADDOCK VENAGRO BADGER DOLAND EMBDEN	No No Yes No No	flood plain	2A	 YES 	NO	NO

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T	T	T		<u> </u>				
Map symbol and				Hydric soils criteria				
map unit name	Component	Hydric	Local landform	Hydric criteria code	Meets saturation criteria	Meets flooding criteria		
SvA:								
SVEA LOAM, 0 TO 2 PERCENT SLOPES	SVEA	No						
TERCENT DEOLED	HAMERLY	No						
SwA:	BADGER	Yes	flood plain 	2A	YES	NO	NO	
SWENODA-LANONA SANDY LOAMS, 0 TO 2 PERCENT SLOPES	SWENODA	No						
I BROBNI BEOLES	LANONA	No						
	MADDOCK STRAYHOSS	No No						
_	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO	
TO: TONKA SILTY CLAY LOAM, 0 TO 1 PERCENT	TONKA	Yes	pothole	2B3,3	YES	NO	YES	
SLOPES	PARNELL	Yes	pothole	2B3,3	YES	NO	YES	
	CUBDEN	No		<u>-</u>				
	HAMERLY MCINTOSH	No No						
Tr: TRENT SILTY CLAY	TRENT	No						
LOAM, 0 TO 2 PERCENT SLOPES					-			
	WAKONDA	No						
	WENTWORTH CHANCELLOR	No Yes	 flood plain	2A	YES	NO	NO	
VaA:	CHANCELLOR	105	IIOOQ PIQIII	ZA	125	110	110	
VENAGRO-SVEA LOAMS, 0 TO 2 PERCENT SLOPES		No						
	SVEA STRAYHOSS	No No	 	 				
	EMBDEN	No						
	BADGER	Yes	flood plain	2A	YES	NO	NO	
VaB: VENAGRO-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	VENAGRO	No						
	SVEA	No						
	STRAYHOSS EGELAND	No No						
	BADGER	Yes	flood plain	2A	YES	NO	NO	
VbA: VIENNA-BROOKINGS COMPLEX, 0 TO 2 PERCENT SLOPES	VIENNA	No						
LEWCENI STOLES	BROOKINGS	No						
	MCINTOSH	No						
	BADGER PARNELL TONKA	Yes Yes Yes	flood plain pothole pothole	2A 2B3,3 2B3,3	YES YES YES	NO NO NO	NO YES YES	

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Mon ormill			Local landform	Hydric soils criteria				
Map symbol and map unit name	Component	Hydric		Hydric criteria code	Meets saturation criteria	Meets flooding criteria		
VbB:								
VIENNA-BROOKINGS COMPLEX, 1 TO 6 PERCENT SLOPES	VIENNA	No						
PERCENI SLOPES	BROOKINGS	No						
	BUSE	No						
	MCINTOSH	No	flood ploin					
	BADGER PARNELL	Yes Yes	flood plain pothole	2A 3,2B3	YES YES	NO NO	NO YES	
	TONKA	Yes	pothole	2B3,3	YES	NO	YES	
VnB:			_					
VIENNA-BUSE COMPLEX, 2 TO 6 PERCENT SLOPES	VIENNA	No						
	BUSE	No						
	BROOKINGS	No						
	MCINTOSH BADGER	No Yes	flood plain	 2A	YES	NO	NO	
VnC:	DID OBIC	100	licoa piain	211	120	110	110	
VIENNA-BUSE COMPLEX, 6 TO 9 PERCENT SLOPES	VIENNA	No						
	BUSE	No						
	BROOKINGS MCINTOSH	No No						
	BADGER	Yes	flood plain	2A	YES	NO	NO	
M:							_	
WATER	WATER	Unrank ed						
Wa: WAKONDA-CHANCELLOR SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES	WAKONDA	No						
	CHANCELLOR	Yes	flood plain	2A	YES	NO	NO	
	TRENT	No Yes	notholo	2B3,3	YES	NO	YES	
Wb:	WORTHING	ies	pothole	253,3	IES	I NO	152	
WAUBAY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	WAUBAY	No						
	CUBDEN	No						
	BADGER	Yes	flood plain	2A	YES	NO	NO	
WeA:	TONKA	Yes	pothole	3,2B3	YES	NO	YES	
WENTWORTH-TRENT SILTY CLAY LOAMS, 0 TO 2	WENTWORTH	No						
PERCENT SLOPES	TRENT	No						
	WAKONDA	No						
	CHANCELLOR	Yes	flood plain	2A	YES	NO	NO	
Wo:	WORTHING	Yes	pothole	2B3,3	YES	NO	YES	
WORTHING SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	WORTHING	Yes	pothole	2B3,3	YES	NO	YES	
DECLED	TRENT	No						
	WAKONDA	No						
	CHANCELLOR	Yes	flood plain	2A	YES	NO NO	NO	

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Map symbol and				Н	ydric soils	criteria	
map unit name	Component	Hydric	landform	Hydric criteria code	Meets saturation criteria		

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use an management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.

Areas mapped as water or any map unit that contains one of the following conventional symbols is considered a hydric soil map unit: marshes or swamps; wet spots; depressions; streams, lakes and ponds.

- 1. All Histosols except Folists, or
- 2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:
 - a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or
 - b. poorly drained or very poorly drained and have either:
 - (1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in),
 - or for other soils
 - (2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 in, or
 - (3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or
- 3. Soils that are frequently ponded for long duration or very long duration during the growing season, or
- 4. Soils that are frequently flooded for long duration or very long duration during the growing